

10/645,027

AMENDMENT TO THE SPECIFICATION

On page 2, please amend the paragraph commencing on line ²⁰~~2~~ as follows:

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11/21/09

As is also known, the receiver is coupled to the antenna and includes a low noise amplifier, one or more intermediate frequency stages, a filtering stage, and a data recovery stage. The low noise amplifier receives inbound RF signals via the antenna and amplifies ~~then them~~ them. The one or more intermediate frequency stages mix the amplified RF signals with one or more local oscillations to convert the amplified RF signal into baseband signals or intermediate frequency (IF) signals. The filtering stage filters the baseband signals or the IF signals to attenuate unwanted out of band signals to produce filtered signals. The data recovery stage recovers raw data from the filtered signals in accordance with the particular wireless communication standard.

On page 2, please amend the paragraph commencing on line 30 as follows:

As with any integrated circuit (IC), when a radio transceiver is implemented on an integrated circuit, it must include electro-static discharge (ESD) protection circuitry. As is known, ESD protection circuitry includes reverse coupled diodes between inputs of the IC and ground of the IC, between inputs of the IC and a power supply connection of the IC, between outputs of the IC and ground of the IC, and between outputs of the IC and the power supply connection of the IC. The reverse coupled diodes function to route the energy of an ESD event occurring on an input or an output of the IC to ground and/or to the power supply connection of the IC. Further, many ICs include multiple internal ground connections and multiple power supply connections to provide separate grounds and power supplies to circuits of the IC to minimize power supply coupled noise affecting the circuits. For these types of ICs, the ground connections and power supply connections are made external to the IC. However, to provide ESD protection, the grounds ~~and~~ are coupled together via diodes as are the power supply connections.